

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau(43) International Publication Date
26 April 2001 (26.04.2001)

PCT

(10) International Publication Number
WO 01/29474 A1(51) International Patent Classification⁷: **F16L 11/10**(21) International Application Number: **PCT/US99/24649**

(22) International Filing Date: 20 October 1999 (20.10.1999)

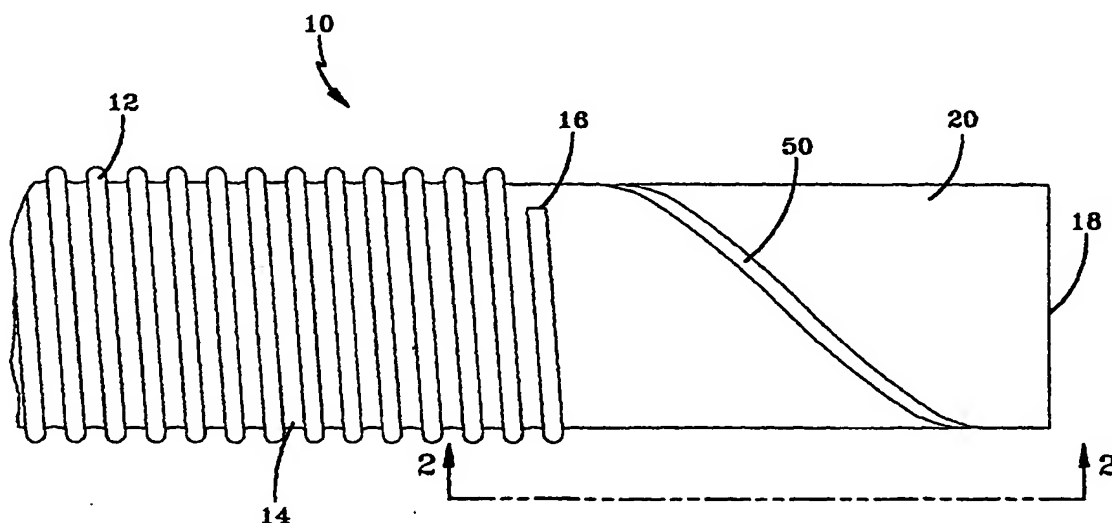
(25) Filing Language: **English**(26) Publication Language: **English**(71) Applicant (for all designated States except US): **THE GOODYEAR TIRE & RUBBER COMPANY [US/US];**
D/823, 1144 East Market Street, Akron, OH 44316-0001 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **COOK, Andre,**
Georges [CA/CA]; Apartment 23, 630 Honorat-Lussier,
Granby, Quebec J2J 1N1 (CA). **LANGLOIS, Pascal**
[CA/CA]; 10 Rouleau, Granby, Quebec J2G 8V5 (CA).
EMOND, Jacques, Bernard [CA/CA]; 133 Elgin,
Granby, Quebec J2G 4V4 (CA).(74) Agent: **KRAWCZYK, Nancy, T.;** The Goodyear Tire &
Rubber Company, D/823, 1144 East Market Street, Akron,
OH 44316-0002 (US).(81) Designated States (national): AE, AL, AM, AT, AU, AZ,
BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE,
ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP,
KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD,
MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD,
SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ,
VN, YU, ZA, ZW.(84) Designated States (regional): ARIPO patent (GH, GM,
KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent
(AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent
(AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU,
MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM,
GA, GN, GW, ML, MR, NE, SN, TD, TG).**Published:**

— With international search report.

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: **CUFFED HOSE AND METHOD OF MANUFACTURE**

(57) Abstract: The present invention is directed towards an improved flexible hose (10). The hose (10) is comprised of at least a flexible material (28) and a reinforcing rod (12) positioned externally of the flexible material (28). Terminal ends (16, 18) define both the flexible material (28) and the reinforcing rod (12). At least one terminal end (16) of the reinforcing rod (12) is located short of the terminal ends (18) of the flexible material (28), so that the non-reinforced end of the flexible material (28) forms a soft cuff (20) adapted to be received by a hose fitting. Also disclosed is an improved method of manufacturing the flexible hose (10).

WO 01/29474 A1